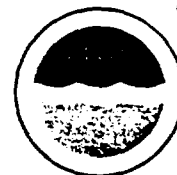
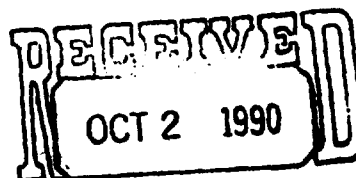


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9/28/90**Patterson Schafer, Incorporated**Environmental
Consultants

BY P. T.

September 28, 1990

Village of Sauget
c/o American Bottoms Regional Wastewater
Treatment Facility
1 American Bottoms Road
Sauget, Illinois 62201
Attn: Pretreatment Coordinator

Re: Cerro Copper; August, 1990 Monitoring Summary

Dear Sir:

Enclosed please find a summary of monitoring results for sampling performed August 27-28, 1990 at the Cerro Copper Products Company plant. This is submitted pursuant to Part 2, paragraph 5, of Village wastewater discharge permit number 108.

Please call if there are any questions.

Cordially,

Carl J. Schafer

cc: Tandler
Grana
Franzetti

CJS/MC/gv

880060.1

C05161

Monitoring Report - August, 1990

Sampling Date: August 27-28, 1990

Sample Location	East Outfall	West Outfall
24-hour Flow (gal)*	160,523	**
Pollutant Concentration (mg/L) 24-hour Composite		
Chromium	0.049	0.088
Copper	1.85	3.20
Lead	0.34	0.110
Mercury	0.0065	<0.0002
Nickel	1.10	<0.05
Zinc	0.737	0.314
Semi-volatile Organics	0.0	0.0
Individual Grab		
Cyanide	0.003 0.002 0.004 0.003	0.003 0.003 0.004 0.003
Oil and Grease	467 177 550 295	6.0 5.5 4.8 4.6
Phenol	0.300 0.080 0.175 0.159	<0.005 <0.005 <0.005 0.008
Volatile Organics	0.083 0.064 0.062 0.090	0.0 0.014 0.014 0.0

* Maximum and average daily flows are obtained by the Village of Sauget.

** Village of Sauget flow meter was not in operation during the sampling period.